

For More Information about the Mobile Data Network

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Learn About UWIN—Utah Wireless Integrated Network

UWIN is a collaboration of intergovernmental agencies working together to leverage resources.

UWIN's mission is to plan for and foster coordination and integration among wireless networks on a statewide basis to meet the requirements of local, state, and federal public safety and other state agencies.

For more information about UWIN, contact:
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Mobile Data Network



Technology for a New Day

Mobile Data Network

The State of Utah together with local and federal agencies is building out a statewide Mobile Data Network.

The Mobile Data Network is a data communications solution that enables users to run business applications from laptops mounted in equipped vehicles—doing business in a real-time mobile environment.

460MHz. A 460MHz Mobile Data Network went operational in 2003 as a pilot system and is currently relied on as a production system in three regions of the state.

700MHz. A 700MHz Mobile Data Network is being built-out, with the goal of providing coverage to users statewide. 700MHz technology provides for faster data speeds and utilizes licensed frequencies within the range set aside by the FCC for Public Safety wireless operations.

Build-out of the 700MHz system began in 2004 with installations at communication sites located in the Wasatch Front. Build-out proceeded in 2005 with the installation of communication sites in the Tri-Counties of Uinta, Duchesne and Vernal.

2005 build-out will continue in the southwest counties of Millard, Iron, Beaver and Washington. As well, the

460MHz system will be scheduled for conversion to 700MHz.

Direction for 700MHz Mobile Data Network build-out is provided by the Utah Department of Public Safety (DPS) in cooperation by the Utah Wireless Integrated Network (UWIN).

Why Should You Consider Using the State Mobile Data Network?

Inter-agency interoperability. The State of Utah and the Utah Wireless Integrated Network (UWIN) are dedicated to improving communications interoperability among organizations and across jurisdictions.

Mobility. First responders and providers of other field-based services can travel throughout and outside their geographic areas of responsibility and maintain continuous connectivity with business-critical applications.

Technology & Public Safety. Today, data communications are as critical to the effective delivery of public safety services as are voice communications.

Managed system. ITS network and wireless professionals provide worry-free system management and optimization of the Mobile Data Network.

Performance & Security. A network controller (IPNC) manages access to the network and data traffic among authorized mobile units.

Vendor contract. ITS manages a state contract that can be used by any state organization for purchasing Mobile Data Network equipment.

Technology roadmap. The vendor on contract is committed to a migration path and schedule for system upgrades to faster data speeds.

Rate. Monthly user rates to support and maintain system infrastructure are significantly less than mobile data solutions provided commercially.

Other Benefits

- A single shared Mobile Data Network, eliminating duplicated efforts and costs and providing for interoperability among users.
- Licensed frequency spectrum, for private communications.
- State communications infrastructure for reliable coverage statewide.
- Private data-only network—meaning no priority contention with voice communications during emergency situations or other incidents.
- 24x7 Customer Support.